

PTO/SB/21 (05-03) 2816

Approved for use through 04/30/2003. OMB 0651-0031

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**TRANSMITTAL
FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/032,698	
	Filing Date	December 27, 2001	
	First Named Inventor	Peidong Yang	
	Art Unit	2816	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	5	Attorney Docket Number	18062R-004300US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs) w/attached PTO/SB/08B (1 pg), (citing references 1-15) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Return Postcard; and 2. A copy of each of 14 references.
<input type="checkbox"/> Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP Richard T. Ogawa	Reg. No. 37,692
Signature		
Date	6/16/03	

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On

06-18-03



TOWNSEND and TOWNSEND and CREW LLP

By:

Edward Masinas

Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

PEIDONG YANG et al.

Application No.: 10/032,698

Filed: December 27, 2001

For: NANOWIRE OPTOELECTRIC
SWITCHING DEVICE AND METHOD

Examiner: Unassigned

Art Unit: 2816

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

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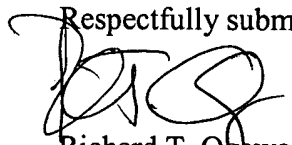
The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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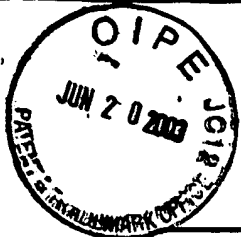
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Respectfully submitted,



Richard T. Ogawa
Reg. No. 37,692

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Page 1 of 1		Complete if Known	
		Application Number	10/032,698
		Filing Date	December 27, 2001
		First Named Inventor	Yang, Peidong, et. al.
		Art Unit	2816
		Examiner Name	Unassigned
		Attorney Docket Number	18062R-004300US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	BOCKRATH et al., "Single-Electron Transport in Ropes of Carbon Nanotubes", Science, 28 March 1997, Vol. 275, www.sciencemag.org.	
	2	DEKKER, "Carbon Nanotubes as Molecular Quantum Wires", Physics Today, 1999 American Institute of Physics, S-0031-9228-9905-0103.	
	3	DUAN et al., "Indium phosphide nanowires as building blocks for nanoscale electronic and optoelectronic devices", Letters to Nature, 4 January 2001, Vol. 409.	
	4	FUHRER et al., "Crossed Nanotube Junctions", Science, 21 April 2000, Vol. 28, www.sciencemag.org.	
	5	HU et al., "Controlled growth and electrical properties of heterojunctions of carbon nanotubes and silicon nanowires", Letters to Nature, 6 May 1999, 6 May 1999.	
	6	HUANG et al., "Room-temperature ultraviolet nanowires nanolasers", Science, 8 June 2001, Vol. 292, www.sciencemag.org.	
	7	KONG et al., "Full and Modulated Chemical Gating of Individual Carbon Nanotubes by Organic Amine Compounds", J. Phys. Chem. B 2001, 105, 2890-2893, published on Web 03/22/01.	
	8	LIU et al., "Ultraviolet Detectors based on Epitaxial ZnO Films Grown by MOCVD",	
	9	MARTEL et al., "Single-and multi wall carbon nanotube field-effect transistors", Applied Physics Letters, 26 October 1998, Vol. 73, Number 17.	
	10	TANS et al., "Individual single-wall carbon nanotubes as quantum wires", Letters to Nature, 3 April 1997, Vol. 386.	
	11	TANS et al., "Room-temperature transistor based on a single carbon nanotube", Letters to Nature, 7 May 1998, Vol. 393.	
	12	TAKAHASHI et al., "Photoconductivity of Ultrathin Zinc Oxide Films", Jpn. J. Appl. Phys., 1994, Vol. 33, Pt. 1., No. 12A.	
	13	YAO et al., "Carbon Nanotube intramolecular junctions", Letters to Nature, 18 November 1999, Vol. 402, 18.	
	14	YU et al., "Silicon Nanowires: Preparation, Device Fabrication, and Transport Properties", J. Phys. Chem. B 2000, 104, 11864-11870.	
Examiner Signature		Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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